



Include sheet in the construction plans.

Provide a section detail showing the curb & gutter and light pole with dimension label for minimum distance of the light pole location from the back of curb.
Light pole must be placed outside the clear zone. See ECM Chapter 2 Section 2.3.5 for clear zone criteria.

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Street Lights

Overview
The intent of this policy is to specify street lighting standards to be uniformly implemented throughout the certified service territory of the Electric Department. This policy has been designed to promote vehicle and pedestrian safety that is fair and affordable to the residents of the territory.

The purpose of the Standard
For the installation of all street lighting fixtures (luminaires) to be in conformance with this Standard as well as the provisions of the International Dark-Sky Association where feasible.

Contract Lights
The City will install private property contract lighting. (See City of Fountain tariff for pricing.)

New Subdivisions
The developer shall pay the full capital costs of every light to be installed by the Electric Department, this includes, but is not limited to, poles, fixtures, underground wiring, and any equipment necessary to construct an operational lighting system.

Residential Streets - Minimum Standards
Street lights shall be located at all intersections and 250' or every four lots between the intersections. Street light standards shall be as follows:
Standard Street Light Type: 22' direct-buried fiberglass pole, 100W high pressure sodium or LED equivalent, full cutoff cobra head style fixture.

Collector Streets in Residential Areas - Minimum Standards
Street lights shall be located at all intersections and 250' spacing between the intersections. Street light standards shall be as follows:
Standard Street Light Type: 25' steel pole, 8' mast arm, 100W high pressure sodium or LED equivalent, and full cutoff Cobra head style fixture.

- Alternatives to the standards listed above may be proposed for consideration by Electric Department.

Arterial Streets - Minimum Standards
Street lighting shall be located at all intersections and 185' spacing between the intersections. Street light standards shall be as follows:
Standard Street Light Type: 32' AL pole, 8' mast arm, 400W high pressure sodium or LED equivalent, and full cutoff Cobra head style fixture.

- Alternatives to the standards listed above may be proposed for consideration by the Electric Department Operation and Maintenance

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Locals-L1

Collector L2

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This foundation is acceptable for use with all anchor base poles.

SCREW-IN BASE (FOUNDATION)

1. Install foundation just above grade.
2. Avoid use in areas with existing underground utilities if location is within 18" from the edge of the helix. If potholing is required, backfill around the screw-in base with flowable fill to achieve proper compaction.
3. Neutral conductor shall be bonded to the pole at the pole grounding lug.
4. This foundation is designed to be used with a maximum 40' steel pole with a 12' mast arm and a 75 lb. luminaire, under the condition of 100 m.p.h. winds.

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The replacement of lamps, fixtures, and poles are maintained by the Electric Department.
Residents are requested to contact the Electric Department for street lights that are not operating, stay on continuously, or are turning on and off repeatedly.
Maintenance costs, which include power, equipment failures and equipment replacement, are covered through the operating costs of the street lights and shall be a cost to the City of Fountain.

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REV.	DESCRIPTION	DATE



PREPARED FOR: _____
PREPARED UNDER MY DIRECT SUPERVISION FOR AND BEHALF OF CATAMOUNT ENGINEERING.
DAVID L. MUJARES, COLORADO PE #40510 _____ DATE _____



DESIGNED BY: DLM DRAWN BY: DBM
SCALE: 1" = 100' DATE: _____
JOB NUMBER: 17-114 SHEET: 22 OF 22
LIGHTING PLAN